

Posting Template for Internship/Research Participation Programs at EPA

The objective of the ORISE Research Participation Program is to enhance the quantity, quality and diversity of the future scientific and engineering workforce. The project that you specify below should be designed to provide the student/recent graduate with experience and professional development opportunities that will complement and continue his/her academic course of study and enhance his/her ability and interest in being a contributing member the future technical workforce.

Posting Title	EPA Urban Waters and Urban Waters Federal Partnership
Submitted By Provide name of project officer and contact information.	Samuel Bryant, Project Officer 202-564-0390, Bryant.samuel@epa.gov
Laboratory/Division	Office of Water, Immediate Office, Urban Waters Program
Description of Division	The EPA Urban Waters Program and the Urban Waters Federal Partnership help urban and metropolitan areas, particularly those that are under-served or economically distressed, connect with their waterways and work to improve them. The program aims to improve water quality and revitalize urban waters and the communities that surround them, transforming overlooked assets into treasured centerpieces and drivers of urban revival.
Location	Washington, DC
Project Description Please write as briefly as possible.	The ORISE participant will be trained with Urban Waters designated locations to highlight, through various medium, project successes and data they have gathered. They will be trained in several ongoing projects, initiated by locations and EPA Headquarters, including projects focused on stormwater, green infrastructure, habitat and shoreline restoration, water quality, river access.
What Will the Participant Do? What is the Research or Technical Problem in Which He/She Will Be Involved? As this is an educational opportunity and not employment, please remember that the participant may not accept budget or program management authority, signature authority, official job titles, or function in any way as a representative of the federal government. Also, clerical and other routine support activities are not appropriate for an educational appointment.	<ul style="list-style-type: none"> • The participant will be trained in the following areas: <ul style="list-style-type: none"> - Analyzing and compiling short stories, tweets or other social media and web posts to feature location projects, data and measures. - Communications Materials regarding accomplishments and methods and to improve water quality, increase river access, and improve social benefits, human health and the environment in urban waters locations. - Innovative communication tools for diverse audiences, and learn about writing for the web.

What Will the Participant Learn? Please provide up to four bullets which speak to learning activities in Science, Technology, Engineering or Mathematics (STEM).	The Participant will learn about urban waters projects, water quality and water science issues at 19 designated urban waters locations across the country and also learn: <ul style="list-style-type: none"> • About Total Maximum daily Loads, Water Quality Standards, National Pollutant Discharge Elimination System permits, and non-regulatory actions to address water quality. • About green infrastructure and stormwater impacts on rivers and water quality. • About water quality monitoring, and how restoring urban watersheds leads to environmental and economic improvements.
What Exposure or Professional Development Will This Opportunity Provide the Participant?	The Participant will learn how implementation of water quality regulations and the Clean Water Act is addressed at all levels, including in City government, through non-governmental companies, and via states and federal agencies, and learn about the different missions and authorities of the federal partners, including the US Forest Service and Department of the Interior.
Degree Level Must have received qualifying degree within five years to be eligible. Currently enrolled students are also eligible as long as they are academically prepared to learn/benefit from your project.	Applicants must have received a bachelor's or master's degree within 5 years of the desired starting date, or must be a student currently enrolled in a U.S. college or university pursuing a graduate degree. Proof of enrollment will be required each semester.
Degree Discipline Must be in a STEM field and appropriately related to your project such that the participant's academic experience and subsequent workforce availability will be expanded and enhanced.	Environmental Studies/Sciences, Public Administration, Geography, Biology, Chemistry, Geology, or a closely related discipline.
Stipend Range	Bachelor's Degree \$43,057, or Master's Degree \$52,668
U.S. Citizenship Required?	Yes
Mentor's Name and Email Address	Caroline M. Klos Klos.caroline@epa.gov